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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53 (b))

|                               |  |
|-------------------------------|--|
| <i>Attorney Docket No.</i>    | 03-1122 81631                                  |
| <i>First Inventor</i>         | BENWARE, Robert                                |
| <i>Title</i>                  | SELF-TIMED SCAN CIRCUIT FOR ASIC FAULT TESTING |
| <i>Express Mail Label No.</i> | EV 322440546 US                                |

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 21]  
*(preferred arrangement set forth below)*

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the disclosure

4.  Drawing(s)(35 U.S.C. 113) [Total Sheets 4]

5. Oath or Declaration [Total Pages 4]

- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
- i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

*ADDRESS TO:*

Mail Stop Patent Application  
Commissioner For Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
- a.  Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i.  CD-ROM or CD-R (2 copies); or
  - ii.  Paper
- c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  
*(when there is an assignee)*  Power of Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17.  Other: **Specification Cover Sheet**

18. If a CONTINUING APPLICATION check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-part (CIP)    of prior application Nos.: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Art Unit: \_\_\_\_\_

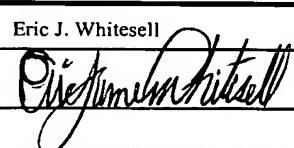
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS** Customer Number

24319

OR

 Correspondence address below

|                   |   |           |              |                                   |                   |
|-------------------|---|-----------|--------------|-----------------------------------|-------------------|
| Name              | Leo J. Peters<br>LSI Logic Corporation  |           |              |                                   |                   |
| Address           | 1551 McCarthy Blvd., MS D-106   |           |              |                                   |                   |
| City              | Milpitas  | State     | CA           | Zip Code                          | 95035             |
| Country           | USA   | Telephone | 408-433-8708 | Fax                               | 408-433-7770      |
| Name (Print/Type) | Eric J. Whitesell   |           |              | Registration No. (Attorney/Agent) | 38,657            |
| Signature         |  |           |              | Date                              | November 24, 2003 |

This collection of information is required by 37CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. PTO  
10/17/2003  
22386

112403

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# FEE TRANSMITTAL

## for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.  
Express Mail No. EV 322440546 US

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$770.00)

**Complete if Known**

|                      |                 |
|----------------------|-----------------|
| Application Number   |                 |
| Filing Date          |                 |
| First Named Inventor | BENWARE, Robert |
| Examiner Name        |                 |
| Art Unit             |                 |

Attorney Docket No. 03-1122 81631

**METHOD OF PAYMENT (check all that apply)**

Check  Credit Card  Money Order  Other  None

Deposit Account

Deposit Account Number 12-2252  
Deposit Account Name LSI Logic Corporation

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION**

**1. BASIC FILING FEE**

| Large Entity        | Small Entity | Fee Description | Fee Paid          |
|---------------------|--------------|-----------------|-------------------|
| Fee Code            | Fee (\$)     | Fee Code        | Fee (\$)          |
| 1001                | 770          | 2001            | 385               |
| 1002                | 340          | 2002            | 170               |
| 1003                | 530          | 2003            | 265               |
| 1004                | 770          | 2004            | 385               |
| 1005                | 160          | 2005            | 80                |
| <b>SUBTOTAL (1)</b> |              |                 | <b>(\$770.00)</b> |

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| Total Claims         | Extra Claims | Fee from below | Fee Paid    |
|----------------------|--------------|----------------|-------------|
| 8                    | -20**=       | 0              | X 18.00 = 0 |
| Independent Claims 2 | -3**=        | 0              | X 86.00 = 0 |
| Multiple Dependent   |              |                | =           |

| Large Entity        | Small Entity | Fee Description | Fee Paid        |
|---------------------|--------------|-----------------|-----------------|
| Fee Code            | Fee (\$)     | Fee Code        | Fee (\$)        |
| 1202                | 18           | 2202            | 9               |
| 1201                | 86           | 2201            | 43              |
| 1203                | 290          | 2203            | 145             |
| 1204                | 86           | 2204            | 43              |
| 1205                | 18           | 2205            | 9               |
| <b>SUBTOTAL (2)</b> |              |                 | <b>(\$0.00)</b> |

\*or number previously paid, if greater; For Reissues, see above

**3. ADDITIONAL FEES**

Large Entity Small Entity

| Fee Code                          | Fee (\$) | Fee Code | Fee (\$) | Fee Description  | Fee Paid         |
|-----------------------------------|----------|----------|----------|--|------------------|
| 1051                              | 130      | 2051     | 65       | Surcharge - late filing fee or oath  |                  |
| 1052                              | 50       | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet                     |                  |
| 1053                              | 130      | 1053     | 130      | Non-English specification  |                  |
| 1812                              | 2,520    | 1812     | 2,520    | For filing a request for ex parte reexamination                            |                  |
| 1804                              | 920*     | 1804     | 920*     | Requesting publication of SIR prior to Examiner action                     |                  |
| 1805                              | 1,840*   | 1805     | 1,840*   | Requesting publication of SIR after Examiner action                        |                  |
| 1251                              | 110      | 2251     | 55       | Extension for reply within first month                                     |                  |
| 1252                              | 420      | 2252     | 210      | Extension for reply within second month                                    |                  |
| 1253                              | 950      | 2253     | 475      | Extension for reply within third month                                     |                  |
| 1254                              | 1,480    | 2254     | 740      | Extension for reply within fourth month                                    |                  |
| 1255                              | 2,010    | 2255     | 1,005    | Extension for reply within fifth month                                     |                  |
| 1401                              | 330      | 2401     | 165      | Notice of Appeal   |                  |
| 1402                              | 330      | 2402     | 165      | Filing a brief in support of an appeal                                     |                  |
| 1403                              | 290      | 2403     | 145      | Request for oral hearing   |                  |
| 1451                              | 1,510    | 1451     | 1,510    | Petition to institute a public use proceeding                              |                  |
| 1452                              | 110      | 2452     | 55       | Petition to revive - unavoidable   |                  |
| 1453                              | 1,330    | 2453     | 665      | Petition to revive - unintentional   |                  |
| 1501                              | 1,330    | 2501     | 665      | Utility issue fee (or reissue)   |                  |
| 1502                              | 480      | 2502     | 240      | Design issue fee   |                  |
| 1503                              | 640      | 2503     | 320      | Plant issue fee  |                  |
| 1460                              | 130      | 1460     | 130      | Petitions to the Commissioner  |                  |
| 1807                              | 50       | 1807     | 50       | Processing fee under 37 CFR 1.17(q)  |                  |
| 1806                              | 180      | 1806     | 180      | Submission of Information Disclosure Stmt                                  |                  |
| 8021                              | 40       | 8021     | 40       | Recording each patent assignment per property (times number of properties) | 40.00            |
| 1809                              | 770      | 2809     | 385      | Filing a submission after final rejection (37 CFR § 1.129(a))              |                  |
| 1810                              | 770      | 2810     | 385      | For each additional invention to be examined (37 CFR § 1.129(b))           |                  |
| 1801                              | 770      | 2801     | 385      | Request for Continued Examination (RCE)                                    |                  |
| 1802                              | 900      | 1802     | 900      | Request for expedited examination of a design application                  |                  |
| Other fee (specify) _____         |          |          |          |  |                  |
| *Reduced by Basic Filing Fee Paid |          |          |          |  |                  |
|                                   |          |          |          | <b>SUBTOTAL (3)</b>  | <b>(\$40.00)</b> |

**SUBMITTED BY**

Complete (if applicable)

|                   |   |                                   |        |           |                   |
|-------------------|---|-----------------------------------|--------|-----------|-------------------|
| Name (Print/Type) | Eric J. Whitesell   | Registration No. (Attorney/Agent) | 38,657 | Telephone | 858-552-1311      |
| Signature         |  |                                   |        | Date      | November 24, 2003 |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization of PTO-2038.**

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